

Atty. Dkt.: 073169-0261847

### IN THE CLAIMS

Please amend claims and add new claims as indicated below:

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1. (Currently Amended) A communications and data display system for use on a common-protocol wireless network comprising:

a projection system including a projector wireless transceiver and a controller; and  
a first data appliance including a first wireless transceiver, wherein:  
the first wireless transceiver transfers graphical data over the common-protocol wireless network to the projector wireless transceiver;  
the projection system displays the graphical data; and  
the transfer and the display of the graphical data is controlled by the controller using first control data, the first control data being transferred over the common-protocol wireless network.

2. (Currently Amended) The communications and data display system of claim 1, further comprising:

a second data appliance including a second wireless transceiver, wherein:  
the first wireless transceiver transfers a first signal over the common-protocol wireless network to the projector wireless transceiver;  
the projector wireless transceiver transfers the first signal over the common-protocol wireless network to the second wireless transceiver; and  
the transfer of the first signal from the first data appliance to the second data appliance is controlled by the controller using second control data, the second control data being transferred over the common-protocol wireless network.

3. (Currently Amended) The communications and data display system of claim 2, wherein:

the second wireless transceiver transfers a second signal over the common-protocol wireless network to the projector wireless transceiver;

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the projector wireless transceiver transfers the second signal over the common-protocol wireless network to the first wireless transceiver; and  
the transfer of the second signal from the second data appliance to the first data appliance is controlled by the controller using the second control data.

4. (Currently Amended) The communications and data display system of claim 1, wherein:

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the projection system further comprises an interface to an external network;  
the first wireless transceiver transfers a first signal over the common-protocol wireless network to the projector wireless transceiver;  
the projector wireless transceiver transfers the first signal to the external network; and  
the transfer of the first signal from the first data appliance to the external network is controlled by the controller using third control data, the third control data being transferred over the common-protocol wireless network.

5. (Currently Amended) The communications and data display system of claim 4, wherein:

the external network transfers a second signal to the projector wireless transceiver;  
the projector wireless transceiver transfers over the common-protocol wireless network the second signal to the first wireless transceiver; and  
the transfer of the second signal from the external network to the first data appliance is controlled by the controller using the third control data.

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6. (Previously Presented) The communications and data display system of claim 1, wherein:  
the first data appliance further comprises a graphics chip, a processing unit, a memory and a MUX;  
the processing unit takes keyboard input from a local keyboard;  
the processing unit takes memory graphics input from the memory and provides processing-unit memory output to the memory;  
the processing unit provides processing-unit graphics output to the graphics chip and to the MUX;  
the processing unit provides processing-unit control output to the MUX;

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the graphics chip provides graphics-chip output to a local display and to the MUX; and the MUX provides MUX output to the first wireless transceiver, the MUX output having a compression format selected from the group consisting of compressed and uncompressed.

7. (Previously Presented) The communications and data display system of claim 1, wherein: the projection system further comprises a graphics converter and a projector; the graphics converter receives the graphical data from the projector wireless transceiver and transfers uncompressed graphical data to the projector; and the projector displays the uncompressed graphical data.
8. (Previously Presented) The communications and data display system of claim 7, wherein the graphics converter includes an application-aware graphics chip that transforms compressed graphics data to the uncompressed graphics data.
9. (Previously Presented) The communications and data display system of claim 8, wherein: the compressed graphical data includes compressed motion graphics or video data; and the uncompressed graphical data includes uncompressed motion graphics or video data.

10. (Currently Amended) A communications and data display system for use on a common-protocol wireless network comprising:

a projection system including a projector/wireless receiver and a controller; and a first data appliance including a first wireless transmitter, wherein:  
the first wireless transmitter transfers graphical data over the common-protocol wireless network to the projector wireless receiver;  
the projection system displays the graphical data; and  
the transfer and the display of the graphical data is controlled by the controller using control data, the control data being transferred over the common-protocol wireless network.

11. (Previously Presented) The communications and data display system of claim 10, wherein:

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the first data appliance further comprises a graphics chip, a processing unit, a memory and a MUX;  
the processing unit takes keyboard input from a local keyboard;  
the processing unit takes memory graphics input from the memory and provides processing-unit memory output to the memory;  
the processing unit provides processing-unit graphics output to the graphics chip and the MUX;  
the processing unit provides processing-unit control output to the MUX;  
the graphics chip provides graphics-chip output to a local display and to the MUX; and  
the MUX provides MUX output to the first wireless transmitter, the MUX output having a compression format selected from the group consisting of compressed and uncompressed.

12. (Previously Presented) The communications and data display system of claim 10, wherein:
- the projection system further comprises a graphics converter and a projector;  
the graphics converter receives the graphical data from the projector wireless receiver and transfers uncompressed graphical data to the projector; and  
the projector displays the uncompressed graphical data.
13. (Previously Presented) The communications and data display system of claim 12, wherein the graphics converter includes an application-aware graphics chip that transforms compressed graphics data to the uncompressed graphics data.

14. (Currently Amended) A method for communication and data display over a common-protocol wireless network, comprising:
- transmitting graphical data over the common-protocol wireless network from a first wireless transceiver of a first data appliance to a projector wireless transceiver of a projection system;  
displaying the graphical data with the projection system; and

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controlling the transmitting of the graphical data and the displaying of the graphical data with a controller using first control data, the first control data being transferred over the common-protocol wireless network.

15. (Currently Amended) The method of claim 14, further comprising:  
transmitting a first signal over the common-protocol wireless network from the first wireless transceiver to the projector wireless transceiver;  
transmitting the first signal over the common-protocol wireless network from the projector wireless transceiver to a second wireless transceiver of a second data appliance; and  
controlling the transmission of the first signal from the first data appliance to the second data appliance with the controller using second control data, the second control data being transferred over the common-protocol wireless network.

16. (Currently Amended) The method of claim 15, further comprising:  
transmitting a second signal over the common-protocol wireless network from the second wireless transceiver to the projector wireless transceiver;  
transmitting the second signal over the common-protocol wireless network from the projector wireless transceiver to the ~~second~~ first wireless transceiver; and  
controlling the transmission of the second signal from the second data appliance to the first data appliance with the controller using the second control data.

17. (Currently Amended) The method of claim 14, further comprising:  
transmitting a first signal over the common-protocol wireless network from the first wireless transceiver to the projector wireless transceiver;  
transmitting the first signal from the projector wireless transceiver to an external network, the projection system including an interface to the external network; and  
controlling the transmission of the first signal from the first data appliance to the external network with the controller using third control data, the third control data being transferred over the common-protocol wireless network.

18. (Currently Amended) The method of claim 17, further comprising:

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transmitting a second signal from the external network to the projector wireless transceiver;  
transmitting the second signal over the common-protocol wireless network from the projector wireless transceiver to the first wireless transceiver; and  
controlling the transmission of the second signal from the external network to the first data appliance with the controller using the third control data.

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19. (Previously Presented) The method of claim 14, further comprising:  
transmitting a keyboard input from a local keyboard to the first data appliance;  
converting compressed graphical data to uncompressed graphical data at the first data appliance; and  
controlling a flow of uncompressed graphical data and compressed graphical data to the first wireless transceiver.
- 20 (Previously Presented) The method of claim 19, wherein:  
the compressed graphical data includes compressed motion graphics or video data; and  
the uncompressed graphical data includes uncompressed motion graphics or video data.
21. (Original) The method of claim 14, further comprising:  
converting compressed graphical data to uncompressed graphical data at the projection system;  
controlling a flow of uncompressed graphical data to a projector of the projection system;  
and  
using the projector to display uncompressed graphical data.
22. (Original) The method of claim 21, wherein converting compressed graphical data to uncompressed graphical data includes using an application-aware graphics chip to transform compressed graphical data to uncompressed graphical data.

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23. (Currently Amended) The communications and data display system of claim 1, wherein the first control data includes at least one of:  
projector control data of the projection system; and

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a first control signal of the first data appliance transferred over the common-protocol wireless network from the first wireless transceiver to the controller via the projector wireless transceiver.

24. (Currently Amended) The communications and data display system of claim 2, wherein the second control data includes at least one of:

projector control data of the projection system;

a first control signal of the first data appliance transferred over the common-protocol wireless network from the first wireless transceiver to the controller via the projector wireless transceiver; and

a second control signal of the second data appliance transferred over the common-protocol wireless network from the second wireless transceiver to the controller via the projector wireless transceiver.

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25. (Currently Amended) The communications and data display system of claim 4, wherein the third control data includes at least one of:

projector control data of the projection system;

a first control signal of the first data appliance transferred over the common-protocol wireless network from the first wireless transceiver to the controller via the projector wireless transceiver; and

an external control signal of the external network transferred to the controller via the interface to the external network.

26. (Currently Amended) The communications and data display system of claim 10, wherein the control data includes at least one of:

projector control data of the projection system; and

a first control signal of the first data appliance transferred over the common-protocol wireless network from the first wireless transmitter to the controller via the projector wireless receiver.

27. (Currently Amended) The communications and data display system of claim 14, wherein the first control data includes at least one of:

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projector control data of the projection system; and  
a first control signal of the first data appliance transferred over the common-protocol  
wireless network from the first wireless transceiver to the controller via the  
projector wireless transceiver.

28. (Currently Amended) The communications and data display system of claim 15,  
wherein the second control data includes at least one of:  
projector control data of the projection system;  
a first control signal of the first data appliance transferred over the common-protocol  
wireless network from the first wireless transceiver to the controller via the  
projector wireless transceiver; and  
a second control signal of the second data appliance transferred over the common-  
protocol wireless network from the second wireless transceiver to the controller  
via the projector wireless transceiver.

29. (Currently Amended) The communications and data display system of claim 17,  
wherein the third control data includes at least one of:  
projector control data of the projection system;  
a first control signal of the first data appliance transferred over the common-protocol  
wireless network from the first wireless transceiver to the controller via the  
projector wireless transceiver; and  
an external control signal of the external network transferred to the controller via the  
interface to the external network.

30. (New) The communications and data display system of claim 1, wherein the common-  
protocol wireless network operates at frequencies of approximately 5 GHz.

31. (New) The communications and data display system of claim 10, wherein the common-  
protocol wireless network operates at frequencies of approximately 5 GHz.

32. (New) The method for communication and data display of claim 14, wherein the  
common-protocol wireless network operates at frequencies of approximately 5 GHz.